

Hello All,

72,
Nick

From qrp-l@lehigh.edu Fri Jun 9 13:01:07 1995
Message-Id: <9506091259.AA13512@clark.dgim.doc.ca>
From: jcumming@clark.dgim.doc.ca (Jim Cummings)
Subject: Re: 30M
Date: Fri, 9 Jun 1995 09:01:07 EDT

>From your description, it is unlikely that it was an amateur station, especially since it was on continuously. It probably was either a

point-to-point newsfeeder or a utility station of some sort. In either case, their signals, now a days, are usually encoded (bit interleaving and all that good stuff) and it is tough to read with some algorithms to copy (don't look at me - that sort of stuff interest me in the slightest).

>:-) I thought we had a band plan here gang. I would
>like advice, via private email, from the digital people
>what to look for and the best buy for this weekend.

I just recieved my June issue of the Digital Journal yesterday. HAL have just come out with the P38, a DSP digital modem with Clover, Amtor, Baudot and ASCII and at only 395 george washingtons! An enormous price reduction over similar boards past. It just plugs into a slot in your PC. Makes me want to dump my PK232/KAM (Wanna buy a duck?....)

>I saw that
>someone on rec.amateur.radio.misc said that the band plan
>gave them the entire spectrum to the low end of the band.

Although I am not active on 30 metres to any great extent, sure is news to me. I have the recent Radio Amateurs of Canada proposed band plan. Their recommendation is 10.10 to 10.30 CW, 10.130 to 10.140 for digital modes and 10.140 to 10.150 for packet (sigh - we they persist for packet, I will never knowm but it is not the first time where we have been faced with "I don't care if it does work (or is ineffecient, or is slow, etc.), I'm going to do it anyways!" - just a bit of editorializing.)

I suspect that the individual that you read in that newgroup was expressing an uninformed opinion.

>Did something change here? I'd like to hear a civilized
>solution to this. I realize that we don't (we meaning
>QRPers in general) own any freqs and neither does anyone
>else, but we do have to cooperate in some manner to keep
>from generating problems.

As I said before, the problem is probably not with your fellow amateurs, but with commercial interests. I am not all that sure of the status of the amateur allocation, whether it is primary or secondary, but really, when it comes to commercial stations, particularly in foreign parts, it doesn't matter if we scream bloody murder, we don't count.

>As more and more individuals
>come online and the sunspots start up, interference will
>increase.
>
>Anyway, tuned up the band and BANG!!! At 10.1XX (I'm
>keeping this secret for a reason, as he may show up again)

>K4TWJ was working a few people back to back as he was
>running 5W. Couldn't get a word in as he went QRT at
>0235 or so.
>
>I worked a couple of the group here and a CA for my first
>3 contacts on 30M for the study. I've been challenged and
>I'm starting from behind on this one, but hey, if it was
>easy everybody would be doing it. The challenging individual
>will post his info and who he is later on.
>

I stayed out of your discussions on the 30 metre propagation study because I felt my input would not be appreciated. However, I feel that if you wish to explore a more objective measure for measuring signal strengths, then using RST would be of little value. A more easily quantifiable measure would be to measure the least amount of transmitted signal necessary in order to maintain the communications.

You may recall an article in QST about 2 years ago about a chap who had developed a circuit which automatically adjusted the output power of his rig while using an ARQ (Automatic Request) mode. In essence, when the link was established, the rig was transmitting at full output. As the information was transferred, the power output was attenuated, by means of a voltage on a control line to the AGC of the rig, to such a point where either RQ (ReQuest to send again) or ER (ERror) signals, were received from the information receiving station. When these signals were received, then the voltage on the AGC control line would automatically be adjusted to add some more power out, and would continue to increase the power output until such time as the information transfer resumed. This is what I would call dynamic power control, and is well worth experimenting with and it is, in my opinion, a worth addition to any shack to achieve the objective of only using necessary power at all times.

I don't know if this would be possible with the P38 board, as it was originally designed for the PK232. However, I suspect that it could be used with any board that has ARQ capabilities - Amtor, Pactor and Clover. In fact, I recall that dynamic power control is already featured on Clover. However, since I am not on that mode (but maybe that will change in the future), I am not altogether certain of this.

In any case, the power output, or AGC line voltage could be monitored with appropriate metering or for those that would like a record (and easier to analyze), an X-Y plotter to monitor these outputs would be the "Cadillac" way to go.

In any case, I would be more than please to help you any way that I can. If you were to consider the dynamic power control option to your study, I would certainly be more than pleased to give you a hand. Let me know if you are

interested and I will research that article in QST for you.

>QRN was still high and will probably remain so for a few
>more weeks and then hopefully it will die down. This time
>of year will find us fighting thunderboomers almost daily
>in the southern part of the USofA.

>

>dit dit

>--

>Chuck Adams K5FO CP-60 adams@sgi.com

>

>

>

=====

Jim Cummings

eMail:jcumming@clark.dgim.doc.ca

packet:VE3XJ@VE3JF.#EONT.ON.CA.NOAM

73 and live better digitally

DON'T GET TOO EXCITED...

because remember, today is the first
day of the rest of your life.

=====

From qrp-1@lehigh.edu Fri Jun 9 07:12:43 1995
Message-Id: <Pine.SUN.3.91.950609011018.17755A-100000@ume>
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: RE: 30M RFI, follow-up
Date: Fri, 9 Jun 1995 03:12:43 EDT

On Thu, 8 Jun 1995, rohre wrote:

> Bill, I had missed it if you said before, that the coax was short. There should
> not be a need to have a certain length unless the coax is not matching well to
> the vertical and/or there is not enough counterpoise "ground", in any case it
> would not hurt to lengthen the coax, but I would stay away from lengths that
> when corrected for velocity factor are resonant in the band. An even multiple,
> like half wave will repeat the antenna impedance back to the rig, however. From
> what you discovered, you have RF on the outside of the coax, where it does not
> belong, possibly coupled from the vertical or the radials and the ferrite is a
> good way to block it. Slide the ferrite along the coax to find the most
> blocking effect and/or add more for more effect, then tape it where it does the
> most good. May need some just below the feedpoint. If your apartment is on

I had a similiar problem years ago with a verical as a cliff dweller.....8 or 10 turns of coax as a "choke" at the antenna feedpoint of the vertical and bringing the coax away at right angles really helped.

> upper floors, are you using a tuner with short coax between it and rig? Try to
> bring the feedline away from the vertical at right angles to radials and the
> vertical. I did see a critical length problem with an elevated R5 vertical on
> 30M that was cured by going to a random longer length of coax than just that
> needed to get to the base of the vertical. Shack was in an attic there, just
> under the vertical, maybe as close as yours. You could try coiling some coax at
> the feed point as a cable choke as well. Keep us informed!--Stuart
>
>
>

From qrp-1@lehigh.edu Fri Jun 9 19:42:23 1995
Message-Id: <802702819.AA02283@hamlink.mn.org>
From: CLATON.CADMUS@hamlink.mn.org (CLATON CADMUS)
Subject: 30M RFI, FOLLOW-UP
Date: Fri, 9 Jun 1995 15:42:23 EDT

AC>From: Bill Acito 08-Jun-1995 1407 <acito@asdg.ENET.dec.com>
>Subject: 30M RFI, follow-up
>Message-ID: <9506081819.AA23264@us1rmc.bb.dec.com>
>Date: Thu, 8 Jun 1995 14:30:00 EDT
Hi Bill and the list,

You are have problems with RF on thw shield of your coax.

AC> -wrapped rig end of antenna coax around a 2" torroid (about 7
> turns) -- significant reduction. But I'm still getting enough to
> annoy folks.

You almost have the solution here. Take 20 feet of non foam dielectric 50 ohm coax and wind a single layer coil on a piece of 3" to 5" diameter PVC pipe. Add the appropriate connectors and install between your antenna and coax feedline. This is a choke balun and should eliminate your problem. Hope this helps.

73 de Claton Cadmus, KA0GKC

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-----  
| FIDOnet= Claton Cadmus 1:282./100 |  
| INTERnet= Claton.Cadmus@hamlink.mn.org |
```

PACKETnet= KA0GKC@WB0GDB.#STP.MN.USA.NA

* SLMR 2.1a * I've told you a million times not to exaggerate!

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Fri Jun 9 15:56:17 1995
Message-Id: <199506091554.JAA01610@zia.aoc.nrao.edu>
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: 30M RTTY Decoded!
Date: Fri, 9 Jun 1995 11:56:17 EDT

Gang,
Spent about 3 hours last night LISTENING to 30M+40M, decoding all the digital traffic with my FRG-100, MFJ 1278 decoder, my utility decoding software and the "1994 Klingenfuss Utility Guide." (I do utility monitoring/HF FAX when the bands are dead). Here's what I found:

FREQ	QSA	MODE/EMISSION/IDENT	TYPE
10,104.7	3	RTTY 300 baud 5-bit, encrypted	COMMERCIAL
10,107.7	3	RTTY 75 baud 5-bit meteo traffic	
		*> ATE60 Delhi Meteo (India)	COMMERCIAL
10,117.3	2	RTTY - too weak to decode	
		*> BAF4 Beijing Meteo (China)	COMMERCIAL
10,122.0	-	RTTY, *> CLP1 Havana, Cuba Foreign Affairs Traffic - listed only, not hrd	COMMERCIAL
10,128.3	5	RTTY 45 baud 6 bit - unidentified but ..	COMMERCIAL
10,130.0	5	AMTOR, ZK1DB/W7DCR/AA5BJ/JH1ZCN, etc.	AMATEUR
10,130.3	3	RTTY 300 baud 5 bit, encrypted	COMMERCIAL
		*> RBW48 Murmansk Meteo (Russia)	COMMERCIAL
		> Russian text decoded at 0430Z	
10,130.3	3	FAX 120-line meteo chart at 0300Z	
		*> RBW48 Murmansk or RBX73 Kashkent	COMMERCIAL
10,137.0	5	Dead carrier heard all nite!	???

*> = As identified in the Klingenfuss Utility Guide
Some interesting snooping above 10.130, but that's supposed to be digital.

RTTY Meteo services are basically the domestic weather services in various countries; the RTTY are lengthy numerical listings of the automated wx reporting stations. It is how the info is collected and rebroadcasted for domestic use. This is basically a 24-hour a day commercial xmsn. FAX broadcast hrd at 10.130 sounds like a "stuck record." FAX charts are usually transmitted several at a time for 30-60 min. and rebroadcasted 6 hours later. So FAX broadcasts are normally intermittent, except at 10,130 - it appears they share time with the Russian RTTY meteo. RTTY 6-bit is a lightly encrypted commercial service, such as AP/UPI news and such. The loud one at 10.130 is probably US based, 24 hrs a day.

SUMMARY: I heard no encroachments from 10.100-10.130 last night by amateurs; all RTTY/digital appears to be commercial broadcasts.

I also snooped on 40M, but heard no encroachments. Will do this again tonite and this weekend and update this list.

Paul NA5N

From qrp-1@lehigh.edu Fri Jun 9 16:38:43 1995
Message-Id: <9506091636.AA13132@voder.nsc.com>
From: Mike Robinson <miker@cc.com>
Subject: Re: 30M RTTY Decoded!
Date: Fri, 9 Jun 1995 12:38:43 EDT

That is very interesting and encouraging, Paul.

My instinct has always been to think ill of another ham whenever I heard the chirps in the low part of 30M.

I'm glad that my misgivings have been proven wrong.

What's also interesting is that we all are hearing these signals just now. I don't recall hearing the ones near 10.106 a while back. Can we use the fact that we're hearing them now, as an indication about 30M propagation to areas where these signals source?

If so, it's time for some QRPP DX into those regions!

Fire up the rigs boys, it's time to break some records!

=====

7.3 de Michael aa0ub	QRP:
miker@cc.com	Norcal #857 "This thing's a radio?"

=====

From qrp-1@lehigh.edu Fri Jun 9 17:27:07 1995
Message-Id: <199506091725.LAA04980@zia.aoc.nrao.edu>
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: Re: 30M RTTY Decoded!
Date: Fri, 9 Jun 1995 13:27:07 EDT

Responding to my own post ... never done THAT before!
>From the comments received, I need to clarify a couple of things.
I monitored from 10pm to 1am local, INTENTIONALLY when there would be very little amateur activity to concentrate on the likely commercial traffic. Now that those are identified, amateur encroachments when 30M is active can be easier to identify. This weekend, when 30M will be more active (including myself on CW), I will look for and identify any digital amateur stations encroaching the CW portion, if any.

Second ... the commercial RTTY stations use 2-tone frequency shift keying and is a constant, monotonic transmission, with few breaks in its transmission. Amateur digital modes tend to be mostly AMTOR, PACTOR and PACKET, all of which use different forms of intermittent or bursts of transmissions. Packet stations are those that come on with a 10-20 second "squeel," then a noticeable pause before it happens again. AMTOR is the classic "chirp, chirp, chirp," and Pactor sounds only slightly different from this. The commercial version of Amtor is called SITOR, and sounds absolutely identical to Amtor. However, SITOR is NOT authorized in the 10.1-10.8 MHz region.

THEREFORE, if you hear intermittent squeeling or the chirp, chirp, chirp of Amtor below 10.130, it would very likely be AMATEUR communications, not commercial. The constant drone of teletype would likely be commercial. If you're confused, listen to 10.130 ... there is a relatively strong commercial 6-bit RTTY station there 24 hours a day; tune from 10.130 to 10.150 in early evening and you will likely hear amateur packet stations and an Amtor or two. 10.130 also seems to be a very popular Amtor calling frequency, just a hair below the commercial RTTY station.

Several of you have emailed wondering what these stations send. I will save 2-3 lines of typical transmissions this weekend, from both the commercial stations and typical packet/amtor exchanges and post for those

interested. I will also be glad to post the call letters of any amateurs
I find sending digital in the CW portion as well!

Paul NA5N

From qrp-1@lehigh.edu Sat Jun 10 00:19:27 1995
Message-Id: <9505098027.AA802740250@mailrouter.alascom.com>
From: "Jim Larsen" <jlarsen@alascom.com>
Subject: AL7FS Anchorage, Alaska Activity Info
Date: Fri, 9 Jun 1995 20:19:27 EDT

Greetings from Alaska,

Looks like I will be around the house this weekend.

I will tune 7.040 +- each evening from 0330-0345
0430-0445
0530-0545 or later.

I do tune at least plus/minus 5 and I will slip up to 7.110 to listen for a few
minutes, too.

Time permitting I will tune around on 10.116 +- and 14.060 +- at about 2000 UTC
Saturday and Sunday.

73,

Jim Larsen
AL7FS
Anchorage, Alaska

jlarsen@alascom.com

P.S. Tim, my QRP+ has not arrived yet. Is there hope?

From qrp-1@lehigh.edu Fri Jun 9 16:32:41 1995
Message-Id: <950609122604_91659507@aol.com>
From: KB7ZZ@aol.com
Subject: Apartment Antennas?

Date: Fri, 9 Jun 1995 12:32:41 EDT

HELP!!

I've been in the ground floor apartment for about a year and have been ..totally..unsuccessful with any reasonable QRP (hidden)antennas..frustration level is rising daily!! Looking for 30 and 40M ops..primarily...Anyone tried the MFJ Portable antenna?? (not the loop)??

ANY help wud be appreciated.

73 es 72--

D-

KB7ZZ

From qrp-1@lehigh.edu Fri Jun 9 17:24:18 1995

Message-Id: <Pine.BSI.3.91.950609124614.10849A-100000@cais2.cais.com>

From: Jeff Shelton <jshelton@cais.cais.com>

Subject: Re: Apartment Antennas?

Date: Fri, 9 Jun 1995 13:24:18 EDT

On Fri, 9 Jun 1995 KB7ZZ@aol.com wrote:

> HELP!!

> I've been in the ground floor apartment for about a year and have been
> .totally..unsuccessful with any reasonable QRP (hidden)antennas..frustration
> level is rising daily!! Looking for 30 and 40M ops..primarily...Anyone tried
> the MFJ Portable antenna?? (not the loop)??

>

> ANY help wud be appreciated.

I'm in the same boat (ground floor apt., building with lots of structural steel), and have had little luck with anything except portable ops, until recently. This week, out of desperation, I tried running a short insulated wire from a MFJ random wire tuner to the apt. rain gutter. Would you believe it actually works! - at least better than anything else I've tried. I've gotten a few QSOs on 40m already, including a short 2-way QRP till the thunderboomers drowned us with QRN.

I'm not saying this trick works as well as a outdoor dipole, and I don't know how it might compare with various commercial loops and such, but it's worked much better for me than window-mounted mobile whips and various homebrew indoor expedients.

Here's what I did: drilled a small hole on the side of a downspout,

sanded off a small area of paint the size of the head of a small self-tapping sheet metal screw. Ran a few feet of wire from my tuner thru my window to the downspout, used the screw to connect it to the downspout. Make sure you sand any surface oxidation off the screw and the connecting wire. I use a 1/4 wave wire as a counterpoise on the tuner. When I'm not operating, I disconnect the wire and remove the screw - the only sign of my "antenna" is a tiny, harmless hole in the side of the downspout.

For this trick to work, obviously the downspout has to be metallic and not grounded. It works better if the gutter and downspout sections are well bonded (I'm lucky, my complex has them all nicely riveted together.) Of course, I sure that higher and longer is better, just like any other antenna . . .

While the ARRL antenna book suggests this trick only for frame buildings, my apt complex is brick, and it still seems to work fine. It does seem to be directional, though - my "antenna" is mounted on the south side of my apt building, and everybody I've worked so far is one skip to the south from Virginia (FL, GA, etc.) I can HEAR stations in the northeast, but I haven't worked any - I suspect all the RF going in that direction is eaten by the brick wall. I expect this trick is also only good on dry days.

Hope this is some help, and good luck!

72/73,
Jeff Shelton KS4TL
jshelton@cais.com

From qrp-1@lehigh.edu Fri Jun 9 13:03:23 1995
Message-Id: <9505098027.AA802713913@CCMAIL.AEROSYS.LORAL.COM>
From: "Bob White" <Bob_White@CCMAIL.AEROSYS.LORAL.COM>
Subject: Re: Field Day Logging Program
Date: Fri, 9 Jun 1995 09:03:23 EDT

The shareware WR9R FD program is very nice and very fast on checking for dupes.

73,
Bob White W03B

----- Reply Separator -----
Subject: Field Day Logging Program
Author: nf0r@slacc.com at INTERNET

Date: 6/8/95 8:49 PM

Wondering if anyone has recommendations on a nice, simple, inexpensive logging program for Field Day?

There are lots of logging programs on bbs's in the St. Louis area but dedicated pretty much to DXing and other contests.

Is there any club or group planning to run an all homebrew Field Day this year? To the St. Louis QRP Society this means *anything* hanging on the other end of the power cord, feedline and key line! Please advise!

73 de Dave, NF0R

nf0r@slacc.com

From qrp-1@lehigh.edu Fri Jun 9 14:00:50 1995
Message-Id: <199506091359.GAA23620@mailhost.primenet.com>
From: aa7qy@primenet.com (Roger Hightower)
Subject: Re: Field Day logging program
Date: Fri, 9 Jun 1995 10:00:50 EDT

VE3SY has a shareware program called "Fielfday" which our club has used. Very simple, will run from a floppy, and so nearly foolproof that even a non-computer user can log...as long as they know how to push keys, :-)

It's on many ham radio BBS's...if you have a problem finding it, let me know and I will mail a 3.5" floppy to you.

72/73, de Roger AA7QY

aa7qy@primenet.com rhhigh@aztec.asu.edu Ham Radio: AA7QY@KC7Y.AZ.USA.NA

From qrp-1@lehigh.edu Fri Jun 9 14:29:05 1995
Message-Id: <Pine.SUN.3.91.950609072432.2116B-100000@crl6.crl.com>
From: H Smith <hbs@crl.com>
Subject: Re: Fielfdday pgms
Date: Fri, 9 Jun 1995 10:29:05 EDT

Anybody know where to find the WR9R and VE3SY FD logging programs. Might save me the trouble of creating yet another field day program :-)

Smitty, NA5K

Henry Smith (hbs@crl.com)

From qrp-1@lehigh.edu Sat Jun 10 03:40:19 1995
Message-Id: <Pine.SUN.3.91.950609233730.17011D-100000@mango.epix.net>
From: rarland@epix.net
Subject: Re: Fieldday pgms
Date: Fri, 9 Jun 1995 23:40:19 EDT

On Fri, 9 Jun 1995, H Smith wrote:

> Anybody know where to find the WR9R and VE3SY FD logging programs. Might
> save me the trouble of creating yet another field day program :-)
>

Me too! If someone will copy the WR9R program on 3.5 disk for me, I'll
reimburse the disk and postage. I'm in the callbook from 1990 onward.

tnx es 73 rich K7YHA

From qrp-1@lehigh.edu Fri Jun 9 16:28:30 1995
Message-Id: <Pine.HPP.3.90.950609112133.24875A-100000@fohnix.metronet.com>
From: TCJC Library <tcjcslib@metronet.com>
Subject: HAMCOM
Date: Fri, 9 Jun 1995 12:28:30 EDT

Thanks to those who have responded. Our booth will be just off the center
isle - tables M1 and M2 on your hamcom map. I'll have the booth set up by
5 this afternoon and a sign-up sheet for booth sitting.

We'll have a sign-up for a QRP dinner if enough are interested

QRP program - 10 Sat - Chuck, K5FO on kitbuilding & homebrewing
QRP Open Forum - 10 Sun, Q&A, BS, etc

flea market
fri 5-9

sat 7-5
sun 7-1

Hope to see you there!
73 'Doc' W5TB

From qrp-1@lehigh.edu Sat Jun 10 00:14:41 1995
Message-Id: <09JUN95.21841985.0326.MUSIC@MARISTB.MARIST.EDU>
From: "Bowes, Fr. Bruce" <GBB1@MARISTB.MARIST.EDU>
Subject: HMA-7-1 amps?
Date: Fri, 9 Jun 1995 20:14:41 EDT

Does anyone know how many amps the HWA-7-1 puts out? 1? and was it designed to go with the hw-7 and therefore filtered for use with a DC receiver??

From qrp-1@lehigh.edu Sat Jun 10 03:36:04 1995
Message-Id: <Pine.SUN.3.91.950609232924.17011C-100000@mango.epix.net>
From: rarland@epix.net
Subject: Re: NorCal Field Day at Eagle Rock
Date: Fri, 9 Jun 1995 23:36:04 EDT

This year I'm doing a 1B battery event using the NorCal 40 and a Bic (tm) dipole (from Fred, K6MDJ) from a State Park near Red Rock Mt. The first person from the I-Net group to work me on 40 meters that gives me my correct middle name (its Homer) AFTER we swap the normal FD exchange, wins a complete set of my QRP Library from Tiare Publications....that's all 3 volumes of QRP, a \$50 value. (Hey, Adams ain't the only creative thinker around here!)

C U on the bands.

73 rich K7YHA

From qrp-1@lehigh.edu Fri Jun 9 18:12:35 1995
Message-Id: <v01510102abfe4c4e5874@[132.235.72.11]>
From: weinfurtner@ouvaxa.cats.ohiou.edu (Greg Weinfurtner)
Subject: Phasing-type ssb rig
Date: Fri, 9 Jun 1995 14:12:35 EDT

There was a recent post on an unrelated topic about a phasing type ssb rig article in QST. (By Wes Hayward?) Could whoever posted it send me an e-mail giving the date of the QST article? I'm about to put together a 20 mtr qrp SSB/CW rig with a homebrew xtal filter and just wanted to see tough or easy it would be to try a phasing type. TNX to alllllll de

```
*****
*                               Greg Weinfurtner AEE BSS *
*      NN      N  SSSSSSS  8888888  0000000  Electronic Design Splst *
*      N N     N   S        8      8   0      0  Ohio University Athens *
*      N N     N  SSSSSSS  8888888  0      0  GO BOBCATS! *
*      N  N N     S   8      8   0      0 *
*      N      NN  SSSSSSS  8888888  0000000  "When in trouble, When in *
*                               doubt, Run in circles, *
*                               Amateur Radio      Scream and shout." *
*****
```

From qrp-1@lehigh.edu Fri Jun 9 17:44:32 1995
Message-Id: <199506091743.NAA21342@nss1.CC.Lehigh.EDU>
From: owen.nelson@prostar.com
Subject: project help
Date: Fri, 9 Jun 1995 13:44:32 EDT

Greetings,
I have just started my first building project and have run into a problem.
I am building the Universal QRP Transmitter from QRP Classics and the parts list includes a 2N3553 transistor.
I can't find one. What could I use in its place?
Any and all help would be much appreciated.

To be "mostly harmless" and "very mattress-like"
is very usefull.....sometimes. owen.nelson@prostar.com

From qrp-1@lehigh.edu Fri Jun 9 16:52:30 1995
Message-Id: <199506091650.KAA05175@teal.csn.net>
From: bcutter@csn.net (Bob Cutter)
Subject: QRP "signal level drop"

Date: Fri, 9 Jun 1995 12:52:30 EDT

I notice several posts about the "QRP signal level drop" phenomenon, after you give your power level.

We have all experienced this and it is one of the reasons I often do not get around to mentioning my power level.

There are a ton of talented people on this list and I think it is time we give this phenomenon a name. "Power envy", I'm going to regret that one.

72, Bob KI0G

Bob Cutter,Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From qrp-1@lehigh.edu Fri Jun 9 17:39:01 1995
Message-Id: <950609133026.21e05c4d@carib.vf.mmc.com>
From: JEVERHART@cayman.vf.mmc.com
Subject: RE: QRP "signal level drop"
Date: Fri, 9 Jun 1995 13:39:01 EDT

Bob, you wrote:

> I notice several posts about the "QRP signal level drop" phenomenon, after
> you give your power level.
>
> We have all experienced this and it is one of the reasons I often do not get
> around to mentioning my power level.
>
> There are a ton of talented people on this list and I think it is time we
> give this phenomenon a name. "Power envy", I'm going to regret that one.
>
> 72, Bob KI0G
> Bob Cutter,Glenwood Springs, CO
>
> KI0G
>
> bcutter@teal.csn.net

Thanks for coming up with a name for this phenomenon! It's much easier to deal

with things when we name them. Now we can show others the phallusy (sorry - Freudian sip) ...err fallacy of their ways.

72/73,

Joe E. N2CX

From qrp-1@lehigh.edu Fri Jun 9 19:37:43 1995
Message-Id: <01HRI70CA4F2HTS04A@ADMIN.Rose-Hulman.EDU>
From: David Moody <MOODY@admin.rose-hulman.edu>
Subject: Re: QRP "signal level drop"
Date: Fri, 9 Jun 1995 15:37:43 EDT

IN%"bcutter@csn.net" writes:

>There are a ton of talented people on this list and I think it is time we
>give this phenomenon a name. "Power envy", I'm going to regret that one.

Yes, but for us QRPers, the statement made would be "mine is smaller
than yours!" :-) :-)

72, David Moody, KD8NY, C'mon Field Day

David A. Moody | E-mail: David.Moody@Rose-Hulman.edu
Admin. Programmer/Analyst | Finger: mgrdam@crux.Rose-Hulman.edu
Rose-Hulman Inst. of Tech. | Amateur Call: KD8NY (CW QRP) ex-WB9MMD
Terre Haute, IN USA 47803 | (VMS Rules!!! (but RSTS was fun.))
Wk Ph: 812.877.8183

Any facts expressed within belong to everybody.
Any opinions expressed within are my own and are not
necessarily the same as my employer, family, friends, etc.
It is up to you to know the difference.

From qrp-1@lehigh.edu Fri Jun 9 20:54:11 1995
Message-Id: <Pine.3.89.9506091630.A14123-01000000@lydian.scranton.com>
From: Chris Doherty <doherty@lydian.scranton.com>
Subject: Re: QRP "signal level drop"
Date: Fri, 9 Jun 1995 16:54:11 EDT

> There are a ton of talented people on this list and I think it is time we
> give this phenomenon a name. "Power envy", I'm going to regret that one.

I have no idea why one ham would not want to work another, regardless of power, unless the guy or gal was a total lid with no hope of reform. I've heard some folks say that working a QRP station was too difficult. (Gee, trying to figure out what antenna to use, where to put it, and even how the darn thing works was difficult, but I did it. We all did it.) The other night I was working a guy with a rusty fist (he even said so himself), but I hung in there and did the best I could, because so was he. We didn't talk about QRO or QRP. We were just two hams trying to communicate. If he needed more than 5w from his side and I only needed 5, so be it. What's all the fuss about. A ham is friendly and courteous to all. If he or she is only courteous to some, that's not good. And if the challenge is too difficult, maybe basket weaving's the answer. I apologize for the bandwidth. I just had something to say.

0(o o)0

```
> From doherty@lydian.scranton.com Fri Jun 9 14:02:22 1995
> Originator: grp-1@lehigh.edu
```

> From: Chris Doherty <doherty@lydian.scranton.com>
> To: Multiple recipients of list <qrp-l@lehigh.edu>
> Subject: Re: QRP "signal level drop"
> X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
> X-Comment: Low Power Amateur Radio Discussion
> Date: Fri, 9 Jun 1995 16:54:06 EDT
>
> On Fri, 9 Jun 1995, Bob Cutter wrote:
>
> > There are a ton of talented people on this list and I think it is time we
> > give this phenomenon a name. "Power envy", I'm going to regret that one.
>
> Don't know if it's power envy, maybe just rudeness as a result of fear.
> Fear that the QRO station running 100w is going to get "shown up" by the
> QRP running 5w or less.

Maybe it is simply the other station really can't hear you as well.

Naw, it couldn't be that simple.

From qrp-l@lehigh.edu Fri Jun 9 22:23:15 1995
Message-Id: <Pine.SUN.3.91.950609161937.21744B-100000@ume>
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: QRP "signal level drop"
Date: Fri, 9 Jun 1995 18:23:15 EDT

Bob, I do not think it is that simple.
Sometimes people will turn down there power when they note I am
QRP and I note that the QSB can really become much more evident and much
more of a problem.

I remember in 1988 running the KW winter olympic station here in Calgary.
There were several times that guys with ten tec 2w ssb rigs broke thru
pilueps with S9 plus signals and then it took me 2 minutes to complete a
short qso as they went from RS 21 to 59 rapidly!

QSB is much more of an issue when you are running one or two s units over
the noise.....trying to worth 2 o 3 guys during the last hootowl sprint
brings this to mind again.

My two cents....

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Email: zabrodsk@med.ucalgary.ca	*	NorCal 519 ARCI 7650 GQRP 8329

Phone 403-271-5123 Fax 403-225-1276 * "Power is no substitute for skill"

On Fri, 9 Jun 1995, Bob Cutter wrote:

> I notice several posts about the "QRP signal level drop" phenomenon, after
> you give your power level.
>
> We have all experienced this and it is one of the reasons I often do not get
> around to mentioning my power level.
>
> There are a ton of talented people on this list and I think it is time we
> give this phenomenon a name. "Power envy", I'm going to regret that one.
>
> 72, Bob KI0G
> Bob Cutter,Glenwood Springs, CO
>
> KI0G
>
> bcutter@teal.csn.net
>
>
>

From qrp-l@lehigh.edu Fri Jun 9 22:37:21 1995
Message-Id: <Pine.SUN.3.91.950609163503.21744D-100000@ume>
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: QRP "signal level drop"
Date: Fri, 9 Jun 1995 18:37:21 EDT

Maybe it is simply the other station really can't hear you as well.

Naw, it couldn't be that simple.

Well, I suggest that sometimes it IS that simple!!!! ;-)

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Email: zabrodsk@med.ucalgary.ca	*	NorCal 519 ARCI 7650 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276	*	"Power is no substitute for skill"

From qrp-1@lehigh.edu Fri Jun 9 23:20:02 1995
Message-Id: <Pine.SUN.3.91.950609161211.1769A-100000@crl3.crl.com>
From: Steven Wilson <randyw@crl.com>
Subject: Re: QRP "signal level drop"
Date: Fri, 9 Jun 1995 19:20:02 EDT

On Fri, 9 Jun 1995, Rick Zabrodski wrote:

> Maybe it is simply the other station really can't hear you as well.
>
> Naw, it couldn't be that simple.
>
> Well, I suggest that sometimes it IS that simple!!!! ;-)

>
>
I agree, in addition, everyone is not a rag chewer. Sometimes it is fun to exchange reports, location and name and be gone. And maybe you are just boring - judging from some of the mmessages on hr claiming how great some of you think you are that you just worked xyz , a lot of you must be boring. ask your self this - so what ? thousands of people have worked with low power for 60 years, log it and move on.

Now if you can do it with 10 milliwatts and an antenna 6" long when the band is dead, tell us about it otherwise - so what.

de stan ak0b

From qrp-1@lehigh.edu Fri Jun 9 13:34:27 1995
Message-Id: <9506091341.AA07735@dtcs70.dtc.kodak.com>
From: mitchell@dtcs70.dtc.kodak.com (Brad Mitchel)
Subject: qrp+
Date: Fri, 9 Jun 1995 09:34:27 EDT

I'm dying to know..
Any birdies??
tweek tweek
73 Brad WB8YGG

From qrp-1@lehigh.edu Fri Jun 9 13:59:19 1995
Message-Id: <9506091412.AA07744@dtcs70.dtc.kodak.com>
From: mitchell@dtcs70.dtc.kodak.com (Brad Mitchel)
Subject: Re: qrp+
Date: Fri, 9 Jun 1995 09:59:19 EDT

Geesh can't type..
I meant
tweet tweet, not tweek tweek..
No hidden message, nothing subliminal.

From qrp-1@lehigh.edu Fri Jun 9 14:33:23 1995
Message-Id: <9506091430.AA11484@garnet.inel.gov>
From: LVE1@inel.gov (Larry East)
Subject: QRP+
Date: Fri, 9 Jun 1995 10:33:23 EDT

My QRP-Plus (finally!!) arrived Tuesday evening, but I just got around to putting it on the air last night. First contact was on 40M CW with a W8 running a KW (at least it was home brewed) and sending (I think...) with his big toe. He was S9+ and my signal suddenly got "very difficult to copy" after I told him I was running 5W...

There seems to be a lot of "thumps and pops" in the headphones while keying (I'm using an external keyer), but haven't seen this reported by anyone else. Its not real bad, but it is annoying; not noticable when using the speaker. I'm almost tempted to use an external filter to get rid of it. Anyone else notice this?

The "tunable" filter is indeed pretty slick, but the skirts are not nearly as steep as my DSP filter. Oh well, nothing is perfect...

72 --

"Any opinions expressed herein are my own and probably do
not agree with those of my employer, the U.S. Government
or my spouse"

--... ..--
Larry V. East (W1HUE)
Idaho Falls, ID
e-mail: LVE1@inel.gov
Packet: W1HUE@WT7B.ID.USA.NOAM

work: (208) 533-4005 home: (208) 529-2162

From qrp-1@lehigh.edu Fri Jun 9 15:28:36 1995
Message-Id: <9505098027.AA802722224@smtpgw.windata.com>
From: Harry_Chase@smtpgw.windata.com (Harry Chase)
Subject: QRP+
Date: Fri, 9 Jun 1995 11:28:36 EDT

> He was S9+ and my signal suddenly got "very difficult to copy"
> after I told him I was running 5W...

--I have seen several comments of this sort from people describing
their QRP contacts on this list -- Is there a real attitude problem
on the part of the QRO operators, or just what is going on???

I havent been active on the low bands the past year - plus , as
antenna projects are ongoing; but I never ran more than 100W when I
was on, and (although there were other problems with some operators) I
never got that kind of response...

Harry
WA1VVH

From qrp-1@lehigh.edu Fri Jun 9 15:52:51 1995
Message-Id: <199506091550.IAA07838@sunspot.West.Sun.COM>
From: myers@bigboy73.west.sun.com (Dana Myers)
Subject: Re: QRP+
Date: Fri, 9 Jun 1995 11:52:51 EDT

Harry wrote:

> From Harry_Chase@smtpgw.windata.com Fri Jun 9 08:30:03 1995

> > He was S9+ and my signal suddenly got "very difficult to copy"
> > after I told him I was running 5W...
>
> --I have seen several comments of this sort from people describing
> their QRP contacts on this list -- Is there a real attitude problem
> on the part of the QRO operators, or just what is going on???

While I don't doubt that an anti-QRP bias exists, I don't believe

73 Brad WB8YGG

From qrp-1@lehigh.edu Fri Jun 9 13:15:50 1995
Message-Id: <3500BF122DD@daphne.rrze.uni-erlangen.de>
From: "Richard Hieber" <SZ0026@daphne.rrze.uni-erlangen.de>
Subject: Re: QRP+ Measurements
Date: Fri, 9 Jun 1995 09:15:50 EDT

LB,

glad to hear that you received your QRP Plus and that everything is OK.
Can't wait to send my order in for the second group buy.

I am looking forward to all the traffic that this little rig will cause
over the next months ;-)

CUL
Richard

--

Richard Hieber, DL8MFQ/AA8CP
sz0026@daphne.rrze.uni-erlangen.de

From qrp-1@lehigh.edu Fri Jun 9 16:30:05 1995
Message-Id: <950609122826_91659244@aol.com>
From: KB7ZZ@aol.com
Subject: QRP-L WW Web page address
Date: Fri, 9 Jun 1995 12:30:05 EDT

Does anyone have the World Wide Web (Internet) Address for the QRP-L Group?
AND
ANYother useful WWW Page Address?

Thanks -
73
D-

From qrp-l@lehigh.edu Fri Jun 9 16:46:57 1995
Message-Id: <H000029a0061c9ea@MHS>
From: Limbert_Mark/svoa0001@ssb.com
Subject: QRP-L WW Web page address
Date: Fri, 9 Jun 1995 12:46:57 EDT

Item Subject: Message text
Amateur Radio HF Corner - QRP

<http://www.acs.ncsu.edu:80/HamRadio/HF/qrp/>

QRP-L Resource Page

<http://QRP.CC.ND.EDU/QRP-L/>

-Mark Limbert "Novice-to-be" mdlimbe@clipper.ssb.com

> Does anyone have the World Wide Web (Internet) Address for the QRP-L Group?
> AND
> ANYother useful WWW Page Address?
>
> Thanks -
> 73
> D-
>
>

From qrp-l@lehigh.edu Sat Jun 10 04:09:36 1995
Message-Id: <9505108027.AA802768278@CCMAIL.AEROSYS.LORAL.COM>
From: "Bob White" <Bob_White@CCMAIL.AEROSYS.LORAL.COM>
Subject: Re[2]: W03B vs K5F0 - Round 2
Date: Sat, 10 Jun 1995 00:09:36 EDT

Nice list Bob. And now you can add W03B at 1333 miles.
Since I was at 900mw we can both ask Chuck K5F0
for a 1000 m/w award.

Thanks for the contact Bob.
72,
Bob W03B

For Chuck:

You got that Chuck?

The log entry is as follows:

6/10/95 10113 .9w 0258 V01DRB S329 R339 0309 St Johns NFLD

They are in the mail, Right?

You might fill one in for KB5NJD as well. I told him to look you up tomorrow at the Convention to say that Bob says hello via 30 meters. Dallas, TX to Pasadena, MD 900mw.

72,
Bob White W03B (WASTP 66.69w)
bob_white@ccmail.aerosys.loral.com

Boy this is fun!

From qrp-1@lehigh.edu Fri Jun 9 20:54:24 1995
Message-Id: <9506092052.AA26372@voder.nsc.com>
From: Mike Robinson <miker@cc.com>
Subject: RS12 data
Date: Fri, 9 Jun 1995 16:54:24 EDT

sorry for the bandwidth, but I lost Mike Chuhajewski's address.

WA8MCQ,

Thanks for the RS12 data. I finally heard the telemetry beacon yesterday. I haven't had a chance to QS0 yet.

Your data also allowed me to understand better the data coming from the tracking program I have. It was a matter of UTC vs local time.

Looking forward to my first satallite QS0.

```
=====
7.3 de Michael aa0ub          | QRP:
miker@cc.com      Norcal #857  | "This thing's a radio?"
=====
```

From qrp-1@lehigh.edu Fri Jun 9 12:13:26 1995
Message-Id: <9506091415.A10045@ccgate.ari.ch>
From: Urs Schlegel <schlegel@ccgate.ari.ch>
Subject: RTTY on 30m
Date: Fri, 9 Jun 1995 08:13:26 EDT

To QRP-L de Urs, HB9HAU

My frequency list, dated back to 1992, shows the following frequencies between 10100 and 10120:

Freq	Call	Mode	Baudrate	Remark
10102		RTTY	48-ARQ-E3	UNID Station with special code
10104		RTTY	81-SPEC	UNID Station with special code
10105	RKA 79	RTTY		TASS Press Agency Moscow, URS
10106	AOK	RTTY	75	US Naval Radio, Rota, E
10107.5	ATE 60	FAX	F3C +/-400	New Delhi Meteo, IND
10108		RTTY	200 SPEC	UNID Station with special code
10111	5 YE	RTTY		Nairobi Meteo, KEN
10112			75 SPEC	UNID Station with special code
10114		RTTY		KPL Press Agency Vientiane, Laos
10115	BAF 4	FAX	F3C +/-400	Beijing Meteo, CHN
10116.6	P6Z/RFGW	RTTY	144-FEC-A	MFA Paris, F
10120	RFFAA	RTTY	72-ARQ-E	French Ministry of Defense, Paris
10120	RGI 24	RTTY		TASS, Press Agency Moscow, URS

Monitored between 1700 and 2100 UTC, 8. July 1995, 10106 and 10116 were practically useless because of heavy QRM by the RTTY stations (They almost wind up the pointer on my QRP+ (I am proud to have it, do you feel it) S-meter; right on the QRP calling frequencies :-<). In my QTH, the band was not affected by the utility stations below 10105, between 10107 and 10115, and above 10117.

Sorry if I am pert. It's just because I am a few hours ahead of all the competent Americans with more knowledge about the topic. So watch the qrp-1...

73 de HB9HAU QRP, schlegel@ccgate.ari.ch

From qrp-1@lehigh.edu Sat Jun 10 01:10:58 1995

Message-Id: <950609210906_67711305@aol.com>
From: JCoote@aol.com
Subject: Re: RUMOR on US Pilot Rescue, ELTs
Date: Fri, 9 Jun 1995 21:10:58 EDT

Some info on rescue transmitters-

The whoop-whoop is the characteristic tone of all ELTs (Emergency Locator Transmitters) used in civil and military aviation. The ELT's for civilian aircraft are designed to start whooping if the plane receives a good whack (a good pilot or flight instructor checks 121.5 after a hard landing in case his ELT has been activated... saves embarrassment). I think ELTs can be removed from a plane and/or manually activated.

121.5 is the civilian/standard ELT freq. It is also used for voice emergency calls. 243 is the military ELT and voice emergency freq, second harmonic of 121.5. ELT alarms will activate when the receiver hears a few "whoops", and will put search and rescue and others into action. I've heard of a few ham groups who have put ELT monitors on their repeaters. Search & rescue groups use DF sets to track ELTs. I believe the military ELTs have the same "whoop" tones and a built-in push button for "modulated CW". One small military rescue transceiver I saw was H/T sized, with synthesized freq thumbwheels. Keep in mind aviation radios in the 108-136 and 225-400 MHz bands are AM.

I once saw an OLD rescue transmitter that was quite impressive; called a Gibson Girl (I think) it had kite and balloon wire antennas and a crank generator. It used the 500 kHz distress freq and another distress freq around 8 Mhz. It had a repeating SOS beacon (probably "code wheels") or you could key it yourself.

From qrp-1@lehigh.edu Sat Jun 10 03:07:51 1995
Message-Id: <199506100306.UAA22697@mailhost.primenet.com>
From: aa7qy@primenet.com (Roger Hightower)
Subject: Re: RUMOR on US Pilot Rescue, ELTs
Date: Fri, 9 Jun 1995 23:07:51 EDT

>Some info on rescue transmitters-

>I once saw an OLD rescue transmitter that was quite impressive; called a
>Gibson Girl (I think) it had kite and balloon wire antennas and a crank
>generator. It used the 500 kHz distress freq and another distress freq
>around 8 Mhz. It had a repeating SOS beacon (probably "code wheels") or you
>could key it yourself.

>

Yup...the standard aircraft emergency transmitter during late WWII and into the 50's was the Gibson Girl, so called because of the hourglass shape...the shape made it easy to hold in the crook of one arm or between the legs while the op cranked. Many were also standard equipment in liferafts.

Haven't seen one for years, but once upon a time you could pick one up in a military surplus store.

73, de Roger AA7QY

aa7qy@primenet.com

rhhigh@aztec.asu.edu

Ham Radio: AA7QY@KC7Y.AZ.USA.NA

From qrp-1@lehigh.edu Fri Jun 9 16:50:43 1995

Message-Id: <199506091648.LAA00961@chuck.dallas.sgi.com>

From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: Re: RUN QRP-L X calls2dist AF

Date: Fri, 9 Jun 1995 12:50:43 EDT

That's the way the FCC has it. 20879

It pays to check on the US Govt periodically. Just think what they can do to your Social Security.

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Fri Jun 9 13:55:04 1995

Message-Id: <199506091352.GAA17899@ix4.ix.netcom.com>

From: dcwill@ix.netcom.com (Dave Williamson)

Subject: trying to subscribe

Date: Fri, 9 Jun 1995 09:55:04 EDT

Just wondering how to get added to the group...

de aa4zx/8

Elkins WV

From qrp-1@lehigh.edu Fri Jun 9 19:42:44 1995
Message-Id: <802702820.AA02284@hamlink.mn.org>
From: CLATON.CADMUS@hamlink.mn.org (CLATON CADMUS)
Subject: TUNA TIN 2
Date: Fri, 9 Jun 1995 15:42:44 EDT

Hello Bruce and the list,

Bruce wrote me the following regarding the TUNA TIN 2. I had mentioned I thought it might have been in CQ years back.

BR>Claton,

>The TT2 was a Doug DeMaw design for QST back in the mid(ish)70's. After 76
>because it was in a large size mag. You may remember that Mike C. and I
>hosted a visit to the Baltimore area by Ed Hare (KA1CV) of ARRL fame.
>According to the story Ed told us, the original TT2 was stolen from League H
>and later turned up at a swap meet in New England where he bought it. It is
>in almost mint condition, missing one or two parts, AND he brought it with
>him to show us. Talk about a rush -- holding a piece of REAL history in our
>hands!

Yes, I remember reading the message on that awhile back. Well I did some manual searching and the TT2 was indeed a DeMaw design, QST May 1976. My computer index only goes back to '77. The Sardine Sender, QST October 78 was an 80 meter high power version, 3/4 watt! ;-) Also a DeMaw design.

What threw me off was my recollection of a CQ cover photo, June 1983 which pictures a TT2 in a Starkist can, sorry Charlie.

73 de Claton Cadmus, KA0GKC

```
-----  
| FIDOnet= Claton Cadmus 1:282./100 |  
| INTERNet= Claton.Cadmus@hamlink.mn.org |  
| PACKETnet= KA0GKC@WB0GDB.#STP.MN.USA.NA |  
-----
```

* SLMR 2.1a * I've told you a million times not to exaggerate!

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34

Ham Radio Spoken Here!!

- 612/HAM-1010 v.32b

Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Fri Jun 9 21:12:37 1995
Message-Id: <Pine.SUN.3.90.950609140005.11872B-100000@nimbus>
From: Monte Stark <ku7y@sage.dri.edu>
Subject: Weak stations
Date: Fri, 9 Jun 1995 17:12:37 EDT

Hi all,

Been reading a bit about qso's breaking down after giving
your power.

I can't recal having any worse luck when running qrp than
when running 100w.

I think we have all cut a qso off early because the other
station became too hard to copy. And I also think that we have
all seen conditions happen where we answer a 599 station,
give the report and the next time he is about 229 and gets
worse!

What would the other station think if he had just told you
that he was running qrp during the same transmission that
the signal dropped to 229? There you are telling him that
you gotta run cuz you can't copy him any more!

Same thing with stations comming on and causing qrm. Most
of those stations can't hear you. I've had stations start
calling CQ right on me while I am calling CQ. Bet you have
too.

So, while I'll give you the 10 percenters, I'll say that the
other 90 percent really are having trouble hearing your sig.

Besides, life is soooo much better when you look at the good
side of things!

cul,

73, Ron, dah, dah (I'm three times slower than Chuck)

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Sun Valley, Nevada....

.....ARRL.....NorCal #330.....NRA LIFE.....

From qrp-1@lehigh.edu Fri Jun 9 21:18:09 1995
From: Mark E Gustoff <Mark_E_Gustoff@ccm.ch.intel.com>
Subject: Where's my QRP+
Message-Id: <95Jun9.171815edt.29767-3+24@fidoii.cc.lehigh.edu>
Date: Fri, 9 Jun 1995 17:18:09 EDT

Still awaiting delivery of mine which. Others in same geographical area have received theirs but not me. Just practicing the virtue of patience.

73,

W07T/QRP

=====

Anyone out there on the batch order list for QRP+ not get their's yet?
Or am I the only 'lucky' one?

Tim AB50U

From qrp-1@lehigh.edu Fri Jun 9 19:30:12 1995
Message-Id: <Pine.A32.3.91.950609132533.36743A-1000000@paris>
From: "Timothy J. Pettibone" <tpettibo@NMSU.Edu>
Subject: Where's my QRP+?
Date: Fri, 9 Jun 1995 15:30:12 EDT

Anyone out there on the batch order list for QRP+ not get their's yet?
Or am I the only 'lucky' one?

Tim AB50U

From qrp-1@lehigh.edu Fri Jun 9 18:43:37 1995
Message-Id: <199506091842.NAA01539@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: W03B vs K5F0 - Round 2
Date: Fri, 9 Jun 1995 14:43:37 EDT

Gang,

Here is the note that I got from Bob White just a minute ago:

Chuck,
I didn't hear you last night, but I heard of you...Heard a was it DL
or DU signing with ya.
73,
Bob W03B

Well gang, I wanna tell you. That left to the chin in round 1 was
a real good one.

The crowd roared after the hit and Chuck was down for a count of 8.
But with courage beyond human endurance he manages to pick himself
up and get upright into his corner before the sound of the bell,
thus ending round 1 for the lightweight champion fight.

Many of the crowd could be seen running from their chairs to get
to the phones to call the bookies. They had second thoughts about
their bets and had decided to go for the underdog Bob. There is
a lot of money riding on this one folks.

Well, we've all been to sporting events where it looked like
the game was over before it ever started. You see many, either
weak of heart or tired of rooting for a losing team, just get
up and go home. Only then to find out it was the game of the
century. Ladies and Gentlemen, it looks this is one of those
cases.....

So don't you be getting up to go home until the final round.
This match will go to the final bell, no doubt about it. Money
well spent on the tickets to get into this one.

: -)

I got out of the office late, real late, in fact got home just a little after the start of the "window of operation" by about 15 minutes.

Went straight to the desk, disconnected the shorting wire across the 450 ohm ladder line, and fired up the Oak Hills Explorer for 30M. 0.95W output of pure dynamite. Let's see Old Bob beat this session. :-)

The band sounded good. Same RTTY on 10.106 and 10.112, so I guess we can use the commercial guys as frequency markers and to check sensitivity of receivers and see if in general the band is open.

First QSO outta the bag after listening around to "feel" how the propagation was doing was a 9 in Madison, WI. It was about 40 degrees cooler there than here, that's for sure.

Tuned down the band a couple of KHz (10.118MHz now) and I hear my old buddy Andy, F3NB, calling CQ. I have spent many a night on 40M trying to get him, but he never hears me. True to form, same story on 30M.

Down a little further, well 10.104 isn't all that far away from 10.118, I hear UR4WWT coming through 599+. He was strong. Roma was the name and qsl via WR3L. Here is where I have a bad habit. Probably AA2U would call him a couple of times and then move on. Not me. I sit there for 30 mins just listening to him run through the stations and smile when some get chatty and there is a string of callers just waiting. I can see the temperature of the planet go up a few degrees in some places. :-) Well I tried to work him, but I get a thrill outta hearing a good operator handle the demands that a lot of people put on them. Lot's of people trying for DXCC and then the honor roll.

Around 0400 (the time that Bob refered to above) I hit the jackpot! Well, I was there and to me it was the jackpot. DL7VEE in Berlin. Got him first call. He was 599 (really strong) and I got a 449. He said QSL was sure. Rolf was a good operator and I certainly applaud the fact that he does work QRP stations with great skill and is there when we need the big ones. Danke. Bob must have heard me as I cleared with him.

Let's see now, Lewisville TX to Berlin Germany is 5,349 miles at 95W yields 5,630 miles/watt. Not as good as 11,613/0.9 of Bob's but I'm an amateur at this.

Also, didn't realize that there were two Lewisville TX cities

located in different counties. That's interesting.

So gang, 30M looks very good. I'm hooked and I found that the QRN last night was significantly reduced from the previous night.

Now, before the flame wars start. 1. Bob and I are having fun doing this and we hope the entertainment value is good. 2. We won't be doing this daily (posting). :-) Just every 10 days or so, just to tease the other one or goad him, whichever way you wanna take it. :-) I've been goad'd before. :-)

So as the band started to fade, I thought, well the RTTY is running a few KW and will be there a little bit longer so let's check some receivers out. This prompted by the email yesterday on a receiver having difficulty on 30M.

Here's what I used:

TenTec Argosy 525D
MXM Transceiver
Oak Hills Explorer for 30M
Oak Hills Sprint for 30M (the W7EL rig)
SWL-30 from NN1G

>From preliminary tests, everything that I could hear on the Argosy from 10.100 to 10.150MHz I could hear on all the rigs but the Sprint. It did well, but not enough to hear the really weak ones.

TenTec Argosy 525D and MXM receivers almost neck and neck. Hard to tell the difference really on sensitivity.

Oak Hills Explorer did very well also, but didn't quite have enough audio power as the gain was past the half-way point, but that is just my being used to the 40M version being at less than half-way. I'll change the 560 ohm feedback in the 5534 and see what happens. It'll certainly bring up the noise floor. I'll report back as Dick at OHR says this might get more power out at lower settings. But at a cost of S/N ratio, but maybe not. I'll check it out.

The SWL-30 was next and it has less audio than the Explorer. The noise level signals were not as readable as with the Explorer. But hey gang, we're comparing \$50 to \$119 rigs. The NN1G is pretty good still and when the band is in, you can be expected to work the strong ones. If they are really

really weak, then most likely the other station would not hear you.

The Sprint was down below the SWL-30, but that may be just the way the rig is designed. I don't have any real other comparisons to go by. I have to play with this more. The 40M version was pretty good.

So the dual conversion receiver from MXM is real hot. I have one on 40M, 30M and 20M and the receivers are very very hot, but Bruce Williams, WA6IVC, is noted for his receivers. I have a "Simple RX" that I sometimes carry around on trips and on 40M it is as hot as any of the TenTec Receivers and the Yaesu FT-707 that I once had. I know that everyone (well I'm being optimistic here) wants a long serious review and I'll get around to it pretty soon, but I need to get some more air time first. Too many toys and not enough time what with work and all.

So, depending upon budget and usage and building experience you have several good choices. I like each, but some more than others.

dit dit de k5fo/qrpp on 30M

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Fri Jun 9 18:52:35 1995
Message-Id: <199506091851.NAA01629@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: Re: W03B vs K5FO - Round 2
Date: Fri, 9 Jun 1995 14:52:35 EDT

Wow, typo!! That was at 0.95W, NOT 95W. I'd like to see someone get that much power out of an Oak Hills Research Explorer on 30M or any band for that matter without frying it in 30 milliseconds. :-)

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Fri Jun 9 19:29:58 1995
Message-Id: <9505098027.AA802737100@CCMAIL.AEROSYS.LORAL.COM>
From: "Bob White" <Bob_White@CCMAIL.AEROSYS.LORAL.COM>
Subject: Re: W03B vs K5FO - Round 2
Date: Fri, 9 Jun 1995 15:29:58 EDT

Yes Chuck you can take a punch. Good show on the DL7VEE. He didn't make it into my log as he when QRT one contact after yours.

I too had UR4WWT at 599+. Went back to his pile up several times in the course of the evening but to no avail. Quite an operator that UR4WWT.

All that I could manage for the evening was three 0's a 2 and a 3.

That's Jess WS0L in West Creek, CO, Ron K0RDW in St Paul, MN, Bill in Denver, CO, Josef OK2PKJ in Brno, Czech Republic (4287 miles/900mw), and my old friend Andy F3NB near Toulousse, France (3793 miles/900mw). Lets see that's must be about the fifth time I've worked Andy. Once on 40 mtrs, once on 17 mtrs and 3 times on 30 mtrs. Chuck, I think you said you know Andy too. Want me to say hello for you next time I talk to him?

And the little guy takes a neutral corner....

Continued next week.

Bob W03B

From qrp-1@lehigh.edu Sat Jun 10 02:23:14 1995
Message-Id: <199506100221.XAA03027@public.compusult.nf.ca>
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: Re: W03B vs K5FO - Round 2
Date: Fri, 9 Jun 1995 22:23:14 EDT

And from the peanut gallery - All this talk about 30 meters got me to

thinking that maybe I can get on ahead of the Central US gang and "warm" up the ionosphere for them from Newfoundland.

So I hook up my trusty 5 watt nitrogen charged MFJ 9030 and put the MFJ Super loop back up on the apartment balcony (took down while I was on vacation) and start to get "dipped" and ready to go at 2200 Newfoundland Daylight Savings Time (that's 0030 UTC - figure that one out).

Band sounds good - lots of commercial rtty coming through.. Q's start coming in...

0035	AA2WJ/QRP	Buffalo
0054	K0RDW	St. Paul
0112	WA4AFE	S. Carolina
0130	UR0GG	Bob in UR land
0145	UR4WWT	Roma with a little chatting from me all alone
0217	NX1Q	CT.

So just be thankful Chuck and Bob that it takes a QRP NEwfoundland station to get the band "warmed" up for you guys. Chuck you should have given Roma a call - he would have pulled you out.

Tommorrow's another day...

Propogation test is going well from Newfoundland.

73/72 Bob V01DRB/WA6ERB

Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: rgobrick@public.compusult.nf.ca
bgobrick@terra.nlnet.nf.ca

Compuserve: 70466.1405@compuserve.com

From qrp-1@lehigh.edu Fri Jun 9 16:32:09 1995
Message-Id: <950609122855_91659481@aol.com>
From: KB7ZZ@aol.com
Subject: `NE40/40 Mods
Date: Fri, 9 Jun 1995 12:32:09 EDT

Anyone help me with some back issues (maybe two) of '72'..I am looking for the first edition mods for the NN1G NE40/40 rig..I think the first issue showed the RIT mods??

Thanks.
73 es 72
D-
KB7ZZ

From qrp-1@lehigh.edu Fri Jun 9 17:04:34 1995
Message-Id: <199506091703.NAA10314@dartvax.dartmouth.edu>
From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
Subject: Re: `NE40/40 Mods
Date: Fri, 9 Jun 1995 13:04:34 EDT

>To: QRP-L
>From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
>Subject: Re: `NE40/40 Mods
>
>>Anyone help me with some back issues (maybe two) of '72'..I am looking for
>>the first edition mods for the NN1G NE40/40 rig..I think the first issue
>>showed the RIT mods??
>>
>>Thanks.
>>73 es 72
>>D-
>>KB7ZZ
>>
>>
>KB7ZZ de AA1IK
>
>JUNE 9 1995, 12:49
>
>I have the mods at home and I can get them copied next week. If you don't
hear from anyone else I can send them snail mail. I did all of the mods
>and the rig works just fine. I also incorporated a freq counter for a
>display and a built in keyer.
>
>73 de AA1IK
>Ernie
>